SRScales®
by SR® Instruments, Inc.

Model SRV947

Portable Platform Scale

Operating and Service Manual

Serial Numbers: 1000+

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TABLE OF CONTENTS

TABLE OF FIGURES **2**
PACKING CHECKLIST – MODEL SRV947 ..... **3**
ASSEMBLY **4**
SYSTEM DESCRIPTION AND INTENDED USE **5**
MAINTENANCE AND CLEANING **6**
STORAGE AND TRANSPORTATION **6**
SPECIFICATIONS **7**
BUTTON FUNCTIONS **8**
BASIC SYSTEM OPERATION **9**
BATTERY REPLACEMENT **9**
CALIBRATION **10**
CALIBRATION CONT'D **11**
TROUBLESHOOTING **11**
WARRANTY **12**
NOTES **13**

TABLE OF FIGURES

Figure 1: Assembled SRV947 ..... **4**
Figure 2: Battery Compartment **4**
Figure 3: Button Display **8**
Figure 4: Button Display **10**

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PACKING CHECKLIST – Model SRV947
Portable Platform Scale

√	DESCRIPTION	QUANTITY
	PORTABLE PLATFORM SCALE	1 ea
	AA 1.5-VOLT ALKALINE BATTERIES	6 ea
	CALIBRATION CERTIFICATE	1 ea
	WARRANTY CARD	1 ea
	MANUAL	1 ea

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ASSEMBLY

Figure 1: Assembled SRV947

To install included six (6) AA 1.5-volt alkaline batteries, follow steps below:

STEP 1: Unlatch tab on the Battery Compartment cover on bottom of scale (figure 2).

STEP 2: Insert batteries according to instructions on the Battery Compartment holder.

STEP 3: Replace Battery Compartment cover.

Figure 2: Battery Compartment

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REPLACEMENT PARTS AND ACCESSORIES

Part #	Description
CA8468	Display Label
MF2284T52	Replacement Feet

SYSTEM DESCRIPTION AND INTENDED USE

SYSTEM DESCRIPTION

The SRV947 Portable Platform Scale is a low profile design, 2 in. height, which allows the animal easy step-on and off access. The SRV947 Scale can be used in a fixed location or as a portable scale. The Scale employs the latest in microprocessor and load cell technology to provide accurate and repeatable weight data. Six (6) identically matched transducers are strategically placed to ensure an accurate representation of the patient's weight.

The patient's weight is displayed on an LCD screen. With a push of a button, weight data may be viewed in either pounds or kilograms.

INTENDED USE

The SRV947 Portable Platform Scale is a lightweight portable scale designed for use as a weighing system for animals not exceeding 400 pounds or 182 kilograms, gross weight. Please read the following warnings to avoid injury to the animal or attendant.

WARNING

DO NOT USE FOR ANIMAL TRANSPORT

DO NOT EXCEED MAXIMUM LIMIT OF 400 LBS / 182 KG

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MAINTENANCE and CLEANING

The SRV947 Portable Platform Scale is made with a powder-coated aluminum platform. Exercise caution when cleaning the display window as it is made of a clear plastic and can be scratched by abrasive cleaners. Mild soap and water is recommended for general cleaning and disinfecting.

WARNING

DO NOT use pressurized water or steam. The scale system contains microprocessor circuitry and strain gauge sensors that may be adversely affected by exposure to such an environment.

STORAGE and TRANSPORTATION

STORAGE

If storing this equipment for periods longer than three (3) months, remove the batteries. To maintain proper operation of this instrumentation, storage and transport conditions should not vary outside the following conditions: Relative Humidity 0% to 85%, Ambient Temperature 14°F to 122°F (-10°C to +50°C).

TRANSPORTATION

The SRV947 Portable Platform Scale has four (4) recessed handles on the underside of the scale for easy portability.

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SPECIFICATIONS

MAXIMUM WEIGHT CAPACITY	400 lb / 182 kg
PLATFORM SIZE	24 in x 48 in x 2 in (61 cm x 122 cm x 5 cm)
DISPLAY TYPE	1.0” LCD display with 5 active digits
DISPLAY RESOLUTION	0.2 lb / 0.1 kg
ACCURACY	0.2% +/- 2 digits of displayed resolution for calibrated range
AUTO ZERO	One button operation
AUTO POWER DOWN	Approximately 120 seconds
AVERAGING	Automatic digital filter
POWER SUPPLY	Six (6) AA 1.5 volt alkaline batteries
CALIBRATION	Calibration is traceable to NIST standards
OPERATING CONDITIONS	Normal operating conditions for this product: Ambient Temperature Range: 68°F to 85°F (20°C to 30°C), Relative Humidity Range: 0%-85%. Avoid exposure to high-pressure water or steam.
TRANSPORT and STORAGE	Storage and transport conditions should not vary outside the following conditions: Relative Humidity 0% to 85%, Ambient Temperature 14°F to122°F (-10°C to +50°C). Remove batteries if storing longer than three (3) months.

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BUTTON FUNCTIONS

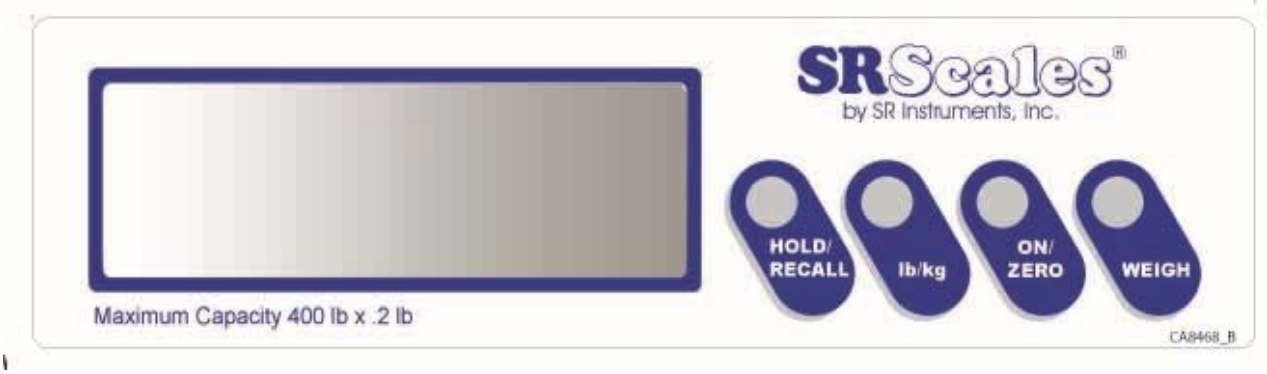

Figure 3: Button Display

ON/ZERO

The "**ON/ZERO**" button is used to zero the system before placing a patient onto the scale system. Ensure that nothing is in contact with the weighing surface during this procedure. The display will read "**0.0 LB**" (or **KG**).

WEIGH

The "**WEIGH**" button wakes up the display and shows the patient's weight if it should Auto Power Down before the weighing process is done.

HOLD/RECALL

The "**HOLD/RECALL**" button freezes the displayed weight and stores it away in memory. Press "**HOLD/RECALL**" to store the weight into memory. To recall last weight reading, press "**HOLD/RECALL**". If you press the "**HOLD/RECALL**" button before placing patient on scale, the scale will automatically lock the display once weight is stable.

LB/KG

Weight data may be viewed in either pounds or kilograms. Pressing the "**LB/KG**" button allows the operator to toggle between the two readings. Both pounds and kilograms are displayed in a resolution of 0.1.

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BASIC SYSTEM OPERATION

SETTING SYSTEM ZERO

Make sure the scale is free and clear of any obstructions and press the "**ON/ZERO**" button to zero the system. In a few seconds, the display will read "**0.0 LB**" (or **KG**). **Note**: If patient will be using anything additional for support on the scale, place this item on the scale while zeroing the system. This will ensure that the patient's NET weight will be displayed. It is recommended that the system be zeroed prior to each new patient.

After the scale has been set to zero, position the patient on the scale. Display will indicate the patient's weight in either pounds or kilograms.

WEIGH

In this default mode, the weighing surface remains active. Press the "**WEIGH**" button once to wake display and take reading.

HOLD/RECALL

If you press the "**HOLD/RECALL**" button before placing patient on scale, the scale will automatically lock the display once weight is stable.

To return to WEIGH mode when finished, press the "**WEIGH**" button once. The display will become active.

BATTERY REPLACEMENT

The Portable Platform Scale contains six (6) AA alkaline 1.5-volt batteries. The low battery indicator is displayed when the battery power is insufficient to power the scale.

Refer to Assembly Instructions (Figure 2).

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CALIBRATION

IMPORTANT

CALIBRATION CHECK Qualified service personnel only should perform this procedure. Load cells have no user serviceable components and should not be tampered with for any reason. Re-calibration is generally not required, but should be verified periodically to ensure accuracy. The recommendation for calibration check is at least once every 12 months, or as individual maintenance policy requires.

Figure 4: Button Display

NOTE: Ensure that nothing is in contact with the scale system during this procedure and that all six (6) feet are touching a level surface. Remove hands from the system when noting the displayed calibration results. (Use a known calibrated weight traceable to NIST.)

STEP 1: Press the "**ON/ZERO**" button to turn the scale on.

STEP 2: Press "**Lb/Kg**" button and toggle to select lb.

STEP 3: Press and hold the "**WEIGH**" button until UNIT is displayed.

STEP 4: Toggle the "**HOLD/RECALL**" button to read CAL then press "**WEIGH**".

STEP 5: DISPLAY will read FULL, ½, or ¼. Use "**HOLD/RECALL**" button to toggle to the weight your using. Refer to chart below:

¼ for 100 lb weight
½ for 200 lb weight
FULL for 400 lb weight

Once correct weight is selected, press "**WEIGH**" button; display will read "**0.0 LB**".

STEP 6: Load selected applied weight. (Scale will read a span count) wait for it to stabilize.

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CALIBRATION cont'd

STEP 7: Press "**WEIGH**" button (SAVE will appear on the display) then display will read the selected applied weight:

100.0 lb, 200.0 lb, or 400 lb.

STEP 8: Remove the weight and the display will read "**0.0 LB**".

STEP 9: Calibration is completed; turn scale off.

CAUTION

The integrated circuits and semiconductors on the printed circuit boards may be damaged by electrostatic discharge (ESD). Be sure to use proper handling precautions at all times.

TROUBLESHOOTING

SYMPTOM	REASON/CORRECTIVE ACTION
Display reads LOW	Battery needs to be replaced.
Display reads LOW	Ensure scale is on a level surface. Check to make sure all six feet are touching ground and ensure that nothing is touching bottom or sides of platform.
For additional information or assistance, phone our Service Hotline: 1-800-654-6360 or e-mail: sri@srinstruments.com	

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WARRANTY

TWO (2) YEAR LIMITED WARRANTY

Each **SR**Scales® system is manufactured with high quality components. SR Instruments, Inc. warrants that all new equipment will be free from defects in material or workmanship, under normal use and service, for a period of two (2) years from the date of purchase by the original purchaser. Normal wear and tear, injury by natural forces, user neglect, and purposeful destruction are not covered by this warranty. Warranty service must be performed by the factory or an authorized repair station. Service provided on equipment returned to the factory or authorized repair station includes labor to replace defective parts. Goods returned must be shipped with transportation and/or broker charges prepaid. SR Instruments, Inc.'s obligation is limited to replacement of parts that have been so returned and are disclosed to SR Instruments, Inc.'s satisfaction to be defective. The provisions of this warranty clause are in lieu of all other warranties, expressed or implied, and of all other obligations or liabilities on SR Instruments, Inc.'s part, and it neither assumes nor authorizes any other person to assume for SR Instruments, Inc. any other liabilities in connection with the sale of said articles. In no event shall SR Instruments, Inc. be liable for any subsequent or special damages. Any misuse, improper installation, or tampering, shall void this warranty.

DAMAGED SHIPMENTS

Title passes to purchaser upon delivery to Transportation Company. Any claims for shortage or damage should be filed with the delivery carrier by purchaser.

RETURN POLICY

All products being returned to SR Instruments, Inc. require a Return Goods Authorization number (RGA). To receive an RGA, call our Technical Service Team at 716-693-5977 or toll-free in the USA and Canada at 800-654-6360.

When inquiry is made, please supply model and serial numbers, purchase order, if the scale was bought on contract, and reason for return.

Generally, deleted, damaged, and outdated merchandise will not be accepted for credit. A minimum restocking charge of 15% will be assessed on return of current merchandise.

All returns are to be shipped FREIGHT PREPAID to: SR Instruments, Inc., 600 Young Street, Tonawanda, NY 14150.

RESTOCKING FEE

- **15% fee** for any scale that has been opened and used
- **10% fee** for any scale returned that has been ordered incorrectly or refused delivery with no model change
- **5% fee** if an error in ordering has been made and a different model exchanged
- **No fees** will be charged if the scale is returned because of an error on the part of SR Instruments, Inc.
- **No returns** accepted after 60 days**.**

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NOTES

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Precision & Technology in Perfect Balance®

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